

Memorandum

Date: December 11, 2000

To: Contractors

From: Lynn A. Hinrichs, Program Director DFCM

Reference: Fountain Green Fish Hatchery
Department of Natural Resources
Division of Wildlife Management
DFCM Project No 97034520

Subject: **Addendum 3**

The following items are incorporated herein as Addendum No. 3:

1. Utility Contact Information
2. Specifications
3. Drawings
4. Attached Drawing

NOTE: This is the last addendum to be issued, consequently the Engineer will not be available to answer any further questions before bids are due on Wednesday, December 13, 2000. Contractors are advised to prepare their proposals based upon the available plans, specifications, and addenda, as well as using best practices for the work involved.

Utility Contact Information:

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SPECIFICATIONS

SECTION 02460 – A.C. PAVEMENT AND BASE

Delete “Base Course Mixture” outlined in paragraphs A and B under section 2.6. The Surface Course Mixture will be the only mix design used on this project.

Delete Section 3.7. There is no existing pavement to which a slurry seal would be applied.

SECTION 02831 – CHAIN LINK FENCES AND GATES

Buried welded wire and welded wire attached to extension bars at the top of the fence, as described in Paragraph “K” of Section 2.2, Part 2, is not included in this project.

SECTION 07410 – METAL ROOFING

Under Part 2, Section 2.3 add the following:

Ice and water shield shall be a 40 mil thick, self-adhering membrane and shall be by Grace “Vicor”, Or Equal. Ice and water shield shall be installed on all metal roof buildings involved with this project.

SECTION 09650 – RESILIENT FLOORING

This section was accidentally omitted. The entire section is attached to the end of this addendum.

SECTION 09800 – PROTECTIVE COATINGS

There is no concrete coating schedule provided at the end of this specification. There is no concrete that will be coated on this project.

PVC and Copper piping shall not be coated.

SECTION 11910 – FISH REARING EQUIPMENT

The listed equipment manufacturer under “Manufacturer or equal” shall be changed to “Marisource” (Tel. 1-800-851-1510).

SECTION 13162 – POTABLE AND UTILITY WATER SYSTEMS

Paragraph “F” of Section 2.1, Part 2 shall be modified as listed below:

Chlorine Contact Tank

Requirements: The CONTRACTOR shall provide 4, 150 gallon, pressure steel tanks, each with individual manway and valving. These tanks shall be rated for a working pressure of 100 psig and a maximum pressure of 150 psig . A precast concrete or FRP utility box (2’x2’x3’) shall be buried with each manway to allow tank inspection in the future.

Materials Requirements: Steel Pressure vessel for buried service (outside Microscreen Building), epoxy coated inside per Section 09800. Outside coating per Specification Section 09800.

Connections and Hardware: The CONTRACTOR shall provide 2-inch buried valves at entry and discharge of each tank. Buried valve requirements shall follow detail C-215 on Contract Drawing GC-1.

DRAWINGS

Insulation and finish wall requirements for the Microscreen Building are provided in Notes 3 and 4 on Sheet S-20.

LOX tank shall be provided by STATE OF UTAH under a separate contract. The CONTRACTOR shall be responsible for providing the concrete base and all appropriate piping connections for LOX tank and vaporizers.

SHEET GC-5 – MISCELLANEOUS CIVIL DETAILS - 3

Contractor shall add Detail No. 1 (see attached drawing) to Sheet GC-5 as Detail 13.

SHEET S-19 – MICROSCREEN/OUTFALL STRUCTURE – PLANS, SECTIONS & DETAILS

Edit Note 2 to read: “Single and double doors shall be insulated hollow metal w/ safety glass window, typical “D” door type as listed on sheet GA-1.

SHEET S-20– MICROSCREEN/OUTFALL STRUCTURE – SECTIONS & DETAILS

Edit Note 1 to read: “Roof shall be a standing metal seam design as outlined in Specification 07410 – Metal Roofing. Provide continuous “COR-A-VENT” Or Equal vented fascia. See Detail B/A4 (Similar).

SHEET R-2 – FLOOR PLAN

Add General Notes:

All trim, including base trim, to be wood. Contractor shall submit samples to Owner and receive approval prior to installation.

Vinyl flooring shall be residential grade sheet vinyl. Contractor shall submit samples to Owner and receive approval prior to installation.

SHEET R-2 – FLOOR PLAN

Add the following note under Metal Roof System, Part A, Number 2 “Accessory Materials”:

Ice and water shield shall be a 40 mil thick, self-adhering membrane and shall be by Grace “Vycor”, Or Equal.

SHEET R-4 – SECTIONS AND ELEVATIONS

Add Note to Typical Cross Section “A”:

Contractor shall provide a “Vycor” Ice and Water shield by Grace, Or Equal. The shield shall extend 6 ft. up the roof from the eave and shall be placed in all roof valleys and ridgelines.

SECTION 09650 - RESILIENT FLOORING

PART 1 — GENERAL

1.1 THE REQUIREMENT

- A. The CONTRACTOR shall furnish all labor, tools, equipment, materials, and supplies required to provide and install all of the resilient flooring work, complete, all in accordance with the requirements of the Contract Documents.

1.2 REFERENCE SPECIFICATIONS, CODES, AND STANDARDS

- A. Codes: All codes, as referenced herein, are specified in Section 01090 - Reference Standards.

- B. Federal Specifications:

L-F-475A(3) Floor Covering Vinyl, Surface (Tile and Roll), With Backing.

MMM-A-110B(1) Int.Amd.2 Adhesive, Asphalt, Cut-back Type (For Asphalt and Vinyl Asbestos Tiles).

SS-T-312B Int.Amd.1 Tile, Floor Asphalt, Rubber Vinyl and Vinyl Composition.

SS-W-40A Wall Base: Rubber, and Vinyl Plastic. Int. Amd. 1, Notice 1

- C. Commercial Standards:

ASTM D 570 Test Method for Water Absorption of Plastics.

ASTM D 638 Test Method for Tensile Properties of Plastics.

ASTM E 84 Test Method for Surface Burning Characteristics of Building Materials.

- D. Manufacturer's Standards: In addition to the standards listed above, the resilient flooring products and their installation shall be in accordance with the manufacturer's published recommendations and specifications.

1.3 CONTRACTOR SUBMITTALS

- A. General: Submittals shall be in accordance with Section 01300 - Contractor Submittals.
- B. Samples: Color and texture samples shall be submitted to the STATE OF UTAH for review. The samples shall be clearly marked to show the manufacturer's name and product identification.
- C. Shop Drawings: Shop drawings showing cuts and seaming layout shall be submitted for review.
- D. Manufacturer's Information: Manufacturer's technical literature, installation instructions, and maintenance instructions shall be submitted to the STATE OF UTAH.

PART 2 — PRODUCTS

2.1 ACCESSORY MATERIALS

- A. The STATE OF UTAH will select the color and texture from the manufacturer's full range of materials within each category specified. More than one color or texture of each material may be selected for application.
- B. Accessory materials which are necessary for proper installation and for problem areas shall be as recommended or specified in the manufacturer's published specifications and installation instructions.
- C. Adhesive and Primer: Adhesives and primer shall conform to Federal Specifications-MMM-A-1110B(1) Int. Amd. 2, and be approved by the manufacturer of the floor covering or wall base being used. The adhesive shall be resistant to both alkali and moisture and shall be capable of securely holding the floor covering or wall base firmly in place and hermetically sealing and binding the joints.

2.2 RESILIENT MATERIALS

- A. Sheet Vinyl: Sheet vinyl shall be 0.085-inch thick conforming to Federal Specifications L-F-475A(3) for Type II, Grade A. Sheet vinyl shall be of solid color or shall be a random multi-sized cube design of solid vinyl cubes and vinyl filler which provides a subdued background.
- B. Top Set Base: Top-set base shall be 1/8-inch thick by 4 inches high (unless otherwise shown) vinyl cove base or non-cove base at soft flooring, conforming to Federal Specifications SS-W-40A, Int. Amd. 1, Notice 1, with matching factory-formed corner units.
- C. Edging: Resilient edging shall be 1-inch minimum width rubber or vinyl and shall be installed between the resilient floor and exposed concrete floors. Thickness and color shall match the flooring.
- D. Integral Cove Base: A vinyl or rubber cap strip and vinyl, rubber, or wood fillet strip with a minimum radius of 3/4-inch shall be provided for integral cove base in the lab.
- E. Fillers and Levelers: Floor filling and leveling materials shall be as recommended by the flooring material manufacturers, for the job conditions.

PART 3 — EXECUTION

3.1 GENERAL

- A. All materials, including primer, fillers, and adhesives, and all installation procedures shall be as recommended by the manufacturer.
- B. The manufacturer's published recommendations and specifications shall be followed for accessory materials, installation, and problem areas.

3.2 INSTALLATION

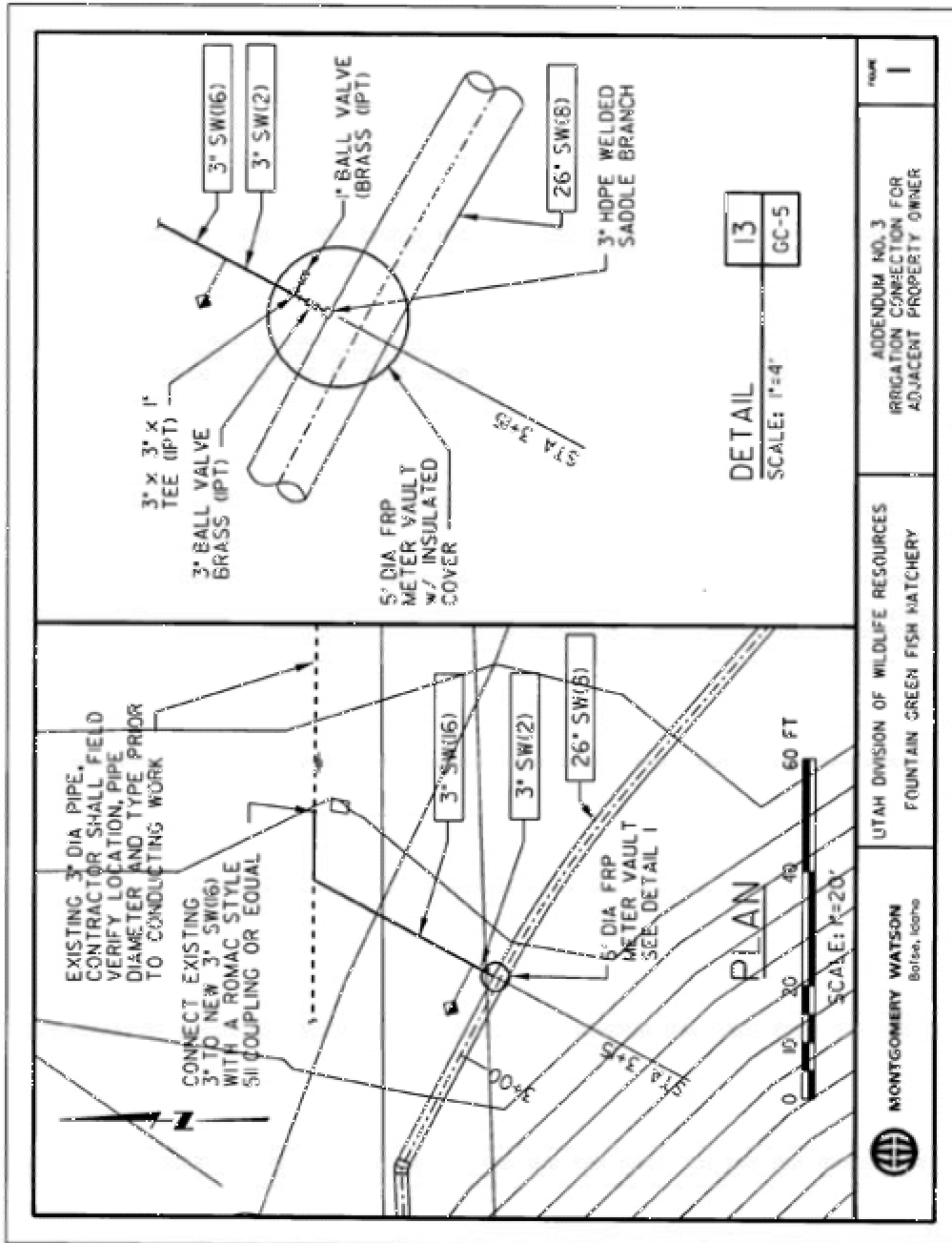
- A. Sheet-Type Flooring: Resilient flooring, sheet-type, shall be laid in sheets as large as possible with a minimum number of joints, cuts, and seams.
- B. Base: Base shall be installed in full standard lengths; piecing will not be allowed. End stops and internal and external corner pieces shall be preformed. Base shall be left free of buckles and bulges. There shall

be no gaps at top and bottom. It shall have a solid backing so that it cannot be pushed in by chairs or other objects.

- C. Integral Cove Base: Integral cove base shall be formed by extending the flooring material 4 inches onto the wall surface. Cove shall be supported by a plastic, rubber or wood coved filler having a minimum radius of $\frac{3}{4}$ -inch. Coved base shall be installed with adhesive in accordance with the manufacturer's written instructions. A vinyl or rubber cap strip shall be provided at the top of the base.

3.3 CLEANING AND PROTECTION

- A. Cleaning and Waxing: Just prior to acceptance of the project the resilient flooring shall be thoroughly cleaned and finished with 2 coats of non-slip wax satisfying the printed recommendations of the manufacturer. Each coat shall be buffed after it has been laid down.
- B. Protection: The flooring shall be provided with protection after installation, as specified in the printed recommendations of the manufacturer.



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